BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1200000.00

Name of Work: Detailed Estimate for the work of Providing Kerb painting work and laying missing covering slabs and kerb stones at BB road yelahanka in ward No- 01 of yelahanka Sub division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete Page No Item No 25 item no 5.30 / PWD SR 2015-16	Nos							
	road sides		2	1100.00			2200.00		
	centre median		2	1100.00			2200.00		
							4400.00		
	consider 25% of missing kerb stone						1100.00		
				0.45			2444.00	320.76	783937.00
	Basic Rate	297.00							
	Area Weightage @ 8%	23.76							
	Total	320.76							
2	KSRB 15.15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. Page 116, item No 15.51 SR 2015-16	Sqm							
	road sides		2	1100.00		0.45	990.00		
	center medians		2	700.00		0.45	630.00		
							1620.00	73.44	118973.00
	Basic Rate	68.00							
	Area Weightage @ 8%	5.44							
	Total	73.44							
3	RCC Precast covering slab for drain (10cm thick)	sqm							
	missing covering slab for existing RCC drain		1	20.00	1.20		24.00		
							24.00	1498.00	35952.00
	Rate Approved by BBMP	1498.00	Enclose approved copy						

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 2-2 1 earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in ordinary soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2015-16	cum							
	cc road		1	53.00	3.00	0.20	31.80		
							31.80	**192.24**	**6113.00**
	Basic Rate	178.00							
	Area Weightage @ 8%	14.24							
	Total	**192.24**							
5	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4 00 K.M (Item No 17.4 Page 130 (SR 2015-16)	cum							
	Basic Rate for loading and unloading	68.00	**Vide Item No. 4**				**31.80**	**85.60**	**2722.00**
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2.20 X 4	11.26							
		79.26							
	Area Weightage @ 8%	6.34							
	Total	**85.60**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB-4-1 2 : Providing and laying in position plain cement concrete of mix **1:3:6 withOPC** cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.2/ PWD SR 2015-16	Cum							
	for cc road		1	53.00	3.00	0.15	23.85		
							23.85	**5236.92**	**124901.00**
	Basic Rate	4849.00							
	Area Weightage @ 8%	387.92							
	Total	**5236.92**							
7	KSRRB M600-6: cement concrete pavement, construction unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with ~~43 grade~~ opc cement or any other type as per clause 1051.2.2 of M30 at 380/450 kg per cum, coarse and fine aggregate conforming to IS. 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing.) spreading the concrete with shovels, rackers compacted using needle, scred and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, setant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grade as per drawing complete as per specification M30(at 360kg per cum coarse aggregate @ 0.69cum and fine aggregare @ 0.46cum). , No. 174/ Item No. 22.6.1 SR 2015-16 specification has to be taken from SR for 2015-16 item No. 22.6.1 P-174	Cum							
	for cc road		1	53.00	3.00	0.10	15.90		
							15.90	**5957.28**	**94721.00**
	Basic Rate	5516.00							
	Area Weightage @ 8%	441.28							
	Total	**5957.28**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. Page No 174 Item No 22.7 SR 2015-16	Sqm							
			1	53.00	3.00		159.00		
							159.00	97.20	15455.00
	Basic Rate	90.00							
	Area Weightage @ 8%	7.20							
	Total	97.20							
9	Providing groove cutting for width of 5mm to 100m depth 80mm-100 including cost of cutting machine, generatoe & HOM of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot birumen fillars, and filler metal etc., including cost of conveyance of all materials, Labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. do- for concrete pavement Item no 22.8.1 Page No 178 SR 2015-16	Rmt							
	for cc road		13	3.00			39.00		
							39.00	124.20	4844.00
	Basic Rate	115.00							
	Area Weightage @ 8%	9.20							
	Total	124.20							
10	1% of Quality control charges								12000.00
11	Miscellaneous charges								382.00
								Total	1200000.00
	(Rupees Twelve lakhs Only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2015-16
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Approval

Accorded For 1200000/-
Head of A/C... P-1771...
CER NO :... 98 ... Dt:... 01.01.2016

TA

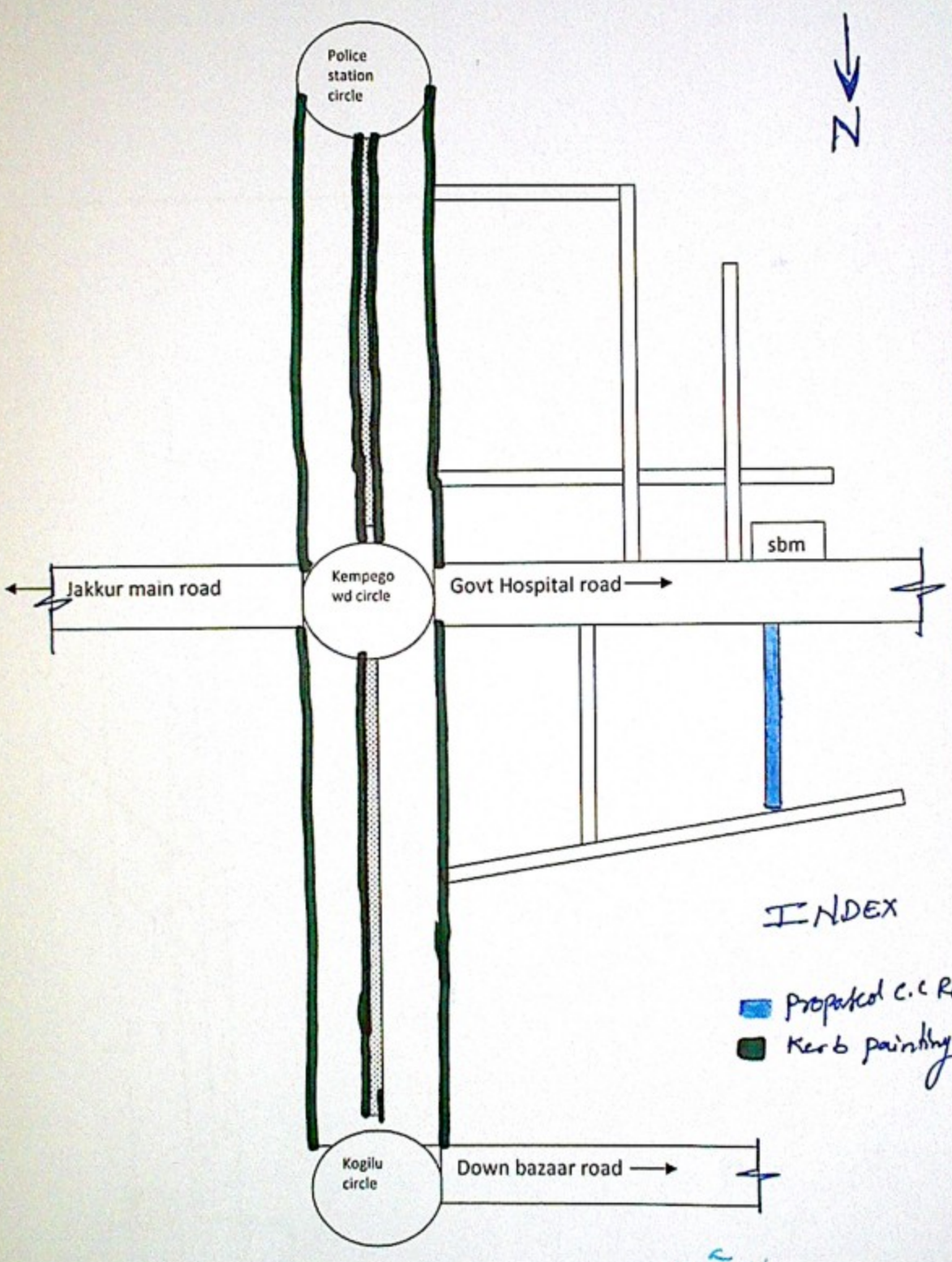
CE (YNK)

TECHNICALLY SANCTIONED FOR Rs. 12.00 lakhs
Rupees ...Twelve Lakhs only...

Under ...P.1771 - 2015-16...

Registered as CE ( ) No. ... 99
Subject to conditions contained in enclosed memo EE ( ) No. ... /91
Dt. ... Estimate A/ Sanctioned
EE/YK/43/15-16 ... No. ...
Dated 5-1-16 ... Rs. 12.00 lakhs

Name of work: Providing Kerb painting work and laying missing covering slabs and kerb stones at BB road yelahanka in ward No- 01 of yelahanka Sub division.



Asst. Executive Engineer
Yelahanka Sub Division